

IN THE ABSTRACT:

The Abstract as amended below with a replacement Abstract shows added text with underlining and deleted text with ~~strikethrough~~.

Please DELETE the Abstract in its entirety and substitute the attached new Abstract.

ABSTRACT OF DISCLOSURE

~~An optical pickup actuator and an optical recording and/or reproducing apparatus adopting the optical pickup actuator.~~ The optical pickup actuator includes a bobbin in which an objective lens is mounted, and suspension wires each having one end fixed on a side of the bobbin and the other end fixed to a holder disposed on a portion of a base to allow the bobbin to move with respect to the base. A magnetic circuit is installed in the bobbin and the base including a pair of unipolar magnets positioned on the base to face two sides of the bobbin. A focusing coil is wound around the bobbin. ~~A pair of tracking coils are wound opposite one another and next to the objective lens in the radial direction to cross over the focusing coil so as to encircle the bobbin and interact with the unipolar magnets to generate an electromagnetic force to control a tracking movement.~~ A plurality of tilting coils are installed on an upper portion of the bobbin and/or on a lower portion of the bobbin interact with the unipolar magnets to generate an electromagnetic force to control a tilting movement when a central axis of the objective lens is disposed in an upward and a downward direction. ~~The upward direction is that closer close to an optical recording medium and the downward direction opposite the upward direction.~~